

What is claimed is:

1. A method for tissue-selective treatment in therapy and surgery comprising the steps of:

positioning a probe in the area of the diseased change after placing on the body organ or body tissue to be treated;

activating tissue selection in that different electrical and/or electromagnetic stimulus signals which can be preadjusted or modulated are sent to the tissue in order to stimulate the latter;

distinguishing the healthy tissue parts from the pathologically changed tissue parts by evaluating the responses to these stimuli;

wherein, in the case of an expected stimulus response identifying healthy tissue, repositioning the probe and activating the tissue selection again, or when the stimulus response identifying pathologically altered tissue is absent or unexpected, carrying out the corresponding therapeutic or surgical treatment by the same probe at the selected site.

2. The method for tissue-selective treatment according to claim 1, in which the tissue selection during the repositioning of the probe due to an expected stimulus response identifying healthy tissue can be carried out by iterative or continuous transmission of stimulus signals.

3. The method for tissue-selective treatment according to claim 1, wherein a direct online tissue selection is carried out by alternating treatment and positioning with tissue selection and immediate evaluation of the stimulus responses and the user is warned during treatment of critical tissue regions and/or the therapy can be interrupted.